

**Express Mail No.:** EL815472860US  
**Date of Deposit:** 26 October 2001

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10/015042

10/26/01

Enclosed are:

- ☒ Thirteen (13) pages of specification, six (6) pages of claims (Claims 1-17), one (1) page of Abstract, and one (1) sheet of drawings (Figs. 1-2).
- ☒ Executed combined Oath or Declaration, Power of Attorney and Petition. (3 pages)
- ☒ Certificate of Mailing by Express Mail. (2 pages)
- ☒ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Recordation Form Cover Sheet, together with executed Assignment Document and a check in the amount of \$40.00 to cover the recordal of Assignment fee.
- ☐ Information Disclosure Statement, together with Form PTO-1449 (page(s)) and a copy of each and every cited reference.
- ☒ Return Receipt Postcard.

**The filing fee has been calculated as shown below:**

		COL. 1		COL. 2		SMALL ENTITY		LARGE ENTITY	
FOR:		NO. FILED		NO. EXTRA		RATE		FEE	
BASIC FEE						\$370		OR	
TOTAL CLAIMS		17	less 20	0	X 09 =	0	OR	X 18 =	
INDEPENDENT CLAIMS		4	less 3	1	X 42 =	42	OR	X 84 =	
MULTIPLE DEPENDENT CLAIMS PRESENTED					+140=		OR		+280 =
* IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2					TOTAL		412		OR
					TOTAL				

- ☒ A check in the amount of \$412.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-3550. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Mark E. Fejer  
Registration No. 34.817

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Express Mail No.: EL815472860US  
Date of Deposit: 26 October 2001

Sir:

Transmitted herewith for filing is the patent application of

Inventors: James R. WANGEROW et al.

For: COMPACT COMBINED SHIFT AND SELECTIVE METHANATION REACTOR FOR CO CONTROL

Enclosed are:

- ☒ Thirteen (13) pages of specification, six (6) pages of claims (Claims 1-17), one (1) page of Abstract, and one (1) sheet of drawings (Figs. 1-2).
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COL. 1			COL. 2		SMALL ENTITY		LARGE ENTITY		
FOR:	NO. FILED		NO. EXTRA		RATE	FEE	OR	RATE	FEE
BASIC FEE						\$370	OR		\$740
TOTAL CLAIMS	17	less 20	0		X 09 =	0	OR	X 18 =	
INDEPENDENT CLAIMS	4	less 3	1		X 42 =	42	OR	X 84 =	
MULTIPLE DEPENDENT CLAIMS PRESENTED					+140=		OR	+280 =	
* IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2					TOTAL	412	OR	TOTAL	

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  - ☒ Any additional filing fees required under 37 CFR 1.16.
  - ☐ Any patent application processing fees under 37 CFR 1.17.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: James R. WANGEROW  
Chakravarthy SISHTLA  
Andy H. HILL  
Michael ONISCHAK

Title: COMPACT COMBINED SHIFT AND SELECTIVE  
METHANATION REACTOR FOR CO CONTROL

Express Mail No.: EL815472860US

Date of Deposit: 26 October 2001

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**Box PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

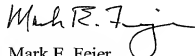
I hereby certify that the subject patent application is being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL815472860US, on 26 October 2001, and is addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231, together with the items listed below.

- Transmittal Letter, in duplicate
- Thirteen (13) pages of specification, six (6) pages of claims (Claims 1-17), one (1) page of Abstract, and one (1) sheet of drawings (Figs. 1-2)

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- Executed combined Oath or Declaration, Power of Attorney and Petition (3 pages)
- Executed Claim for Small Entity Status document
- One (1) Recordation Form Cover Sheet, together with executed Assignment Document and a check in the amount of \$40.00 to cover the recordal of Assignment fee
- A check in the amount of \$412.00 to cover the filing fee
- Return Receipt Postcard

Respectfully submitted,

  
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